Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/310,740      | BROWN ET AL. |
| Examiner        | Art Unit     |
| Frank I Choi    | 1616         |

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| Cla      | aim                        | Ŋ            |  |              | [            | Date   | е        |          |             |       | Cla       | aim                  |          |  | D             | ate      |                   |          |             | Cli         | aim  |
|----------|----------------------------|--------------|--|--------------|--------------|--|----------|----------|-------------|-------|-----------|----------------------|----------|--|---------------|----------|-------------------|----------|-------------|-------------|--|
| Final    | Original                   | 41070        |  |              |              |  |          |          |             |       | Final     | Original             | 10×2     | <u> </u>   |               |          |                   |          |             | Final       | Gioin  |
|          | f                          |              |  |              |              | <u> </u>   | Н        | 寸        | $\dashv$    |       | 15        | 51                   | Ş        |  |               | $\top$   |                   |          |             |             | 10   |
|          | 1                          |              |  |              |              |  |          | $\neg$   |             |       | 16        | 52                   | T        |  | 11            |          | 1 1               |          |             |             | 1(<br>1(<br>1(<br>1(<br>1(<br>1(<br>1)<br>1)<br>1:<br>1:<br>1:<br>1:<br>1:<br>1: |
|          | 3<br>4<br>5<br>6<br>7<br>8 |              |  |              |              | $\vdash$   |          | 7        |             |       | 17        | 53                   | IT       |  | $\Box$        |          |                   |          |             |             | 10   |
| -        | 4                          |              |  |              |              | T  |          |          |             |       | 18        | 54                   | П        |  |               | $\top$   |                   |          |             |             | 10   |
|          | 5                          |              |  |              |              |  |          |          |             |       | 19        | 55                   | П        |  |               |          |                   |          |             |             | 10   |
|          | d                          |              | ĺ  |              |              |  |          |          |             |       | 20        | 56                   |          |  |               |          |                   |          | 13          |             | 10   |
|          | 7                          |              |  |              |              |  |          |          |             |       | 21        | 57                   | П        |  |               |          |                   |          |             |             | 10   |
|          | 8                          |              |  |              |              |  |          |          |             |       | 22        | 58                   | Ш        |  | $\perp \perp$ |          |                   |          |             |             | 10   |
|          | 9                          |              |  |              |              |  |          |          | $\perp$     |       | 23        | 59                   | Ш        |  | Ш             |          | $\perp \perp$     |          |             |             | 10   |
|          | 10                         | <u> </u>     |  |              |              |  |          | $\perp$  | $\perp$     | 05.3  | 24        | 60                   | Ш        |  |               | $\perp$  | $\perp \perp$     | _        |             |             | 1  |
|          | 11                         |              |  |              |              |  |          | _        | _           |       | 25        | 61                   | $\sqcup$ |  |               |          | $\perp \perp$     |          |             | -           | 1  |
|          | 12                         | _            | L  | _            | ļ            |  | _        | $\dashv$ | _           | S) de | 26        | 62                   | H        | <del>                                     </del> | 1             | -        | 1                 | _        |             |             | 1  |
|          | 13                         | _            | _  | ļ            |              |  | $\sqcup$ | -+       | _           | -     | 27        | 63                   | H        | <b> </b>   | $\vdash$      |          | ₩                 |          |             |             | 1  |
|          | 14                         |              | -  | _            | _            |  | -1       | 4        |             | -     | 28        | 64                   | H        |  | +             | +        | ++                |          |             |             | 4  |
|          | 15/                        | <u> </u>     | <b> </b>   | ├-           |              |  |          | +        |             |       | 29<br>30  | 65<br>66             | ╁        | -  | ╁┼            |          | ╁╌╁╴              |          |             |             | 1  |
|          | 15                         |              |  | ├            |              | -  | $\vdash$ | $\dashv$ | <u> -</u> - | -     | 31        | 67                   | H        |  | 1-1           | +        | +                 | -        |             |             | 1  |
| <u> </u> | 18                         | H            | ┝  | ├            | -            |  | $\vdash$ | -+       | +           | -14.  | 32        | 68                   | H        | ┝┼   | +             | +-       | +                 | +        |             |             | 1  |
| }        | 19                         | ┢            | $\vdash$   | ├            |              | -  |          | -        | -           | -     | 33        | 69                   | Н        | <del>                                     </del> | +             | +        | ++                | +        | 24          |             | 1  |
| -        | 20                         | $\vdash$     | ┢╌   | ├─           | -            | -  |          | $\dashv$ | -           | -     | 34        | 70                   | H        |  | +             | +-       | +                 |          |             | 39          | 1;<br>1;   |
|          | <del>2</del> 1             |              | ┢╌   | ├            |              |  | $\vdash$ | -        |             | -     | 35        | 71                   | H        | <del>-  </del>                                   | 1 1           | +        | +-+               | _        |             | 40          | 12   |
| -        | 1/2                        |              | $\vdash$   | ├            | <del> </del> | _  |          | -        | +           | 1     | 36        | 72                   | H        |  | ++            | +        | ++                |          |             | 41          | 12   |
|          | 23                         | <del> </del> | $\vdash$   | H            |              |  | $\vdash$ | _        | $\dashv$    | 1     | 37        | 73                   | H        | $\vdash$   | $\Box$        | +        | ++                | -        |             | 42          | 12   |
|          | 24                         | -            |  |              |              |  | $\vdash$ | -        | $\top$      |       | 38        | 74                   | 1        | $\vdash$   | +             |          | t = t             |          |             | 43          | 12   |
|          | 15                         | -            |  |              |              | _  | 1-1      | 1        | $\dashv$    | -130  |           | 75                   | _        |  | 1 1           |          |                   |          |             | 44          |  |
|          |                            |              |  |              | -            |  | П        |          | $\dashv$    | 744   |           | 76                   | $\vdash$ |  | 1 1           |          |                   |          |             | 45          | 12   |
|          | <b>2</b> 6<br>27           | <del> </del> | 1  |              |              | T  | П        |          |             |       |           | 77                   |          |  |               |          |                   |          |             | 46          | 12   |
|          | 28                         | <u> </u>     | 1  | l            |              |  | $\Box$   |          |             |       |           | 78                   | Ī        |  |               |          | T                 |          |             | 47          |  |
|          | 28<br>29                   |              |  | <u> </u>     | Г            |  | П        |          |             |       |           | 7þ                   |          |  |               |          | 1                 |          |             | 48          | 1:   |
|          | 3þ                         |              |  |              |              | _  | П        |          |             | T     |           | 8b                   | T-       |  |               |          | $I^{-}I$          |          |             | 49          | 1:   |
|          | 31                         |              |  |              |              |  | $\Box$   |          |             | 1     |           | 81<br>82<br>88       |          |  |               |          |                   |          |             | 50          | 1:<br>1:   |
|          | 32                         |              | 1  |              |              |  |          |          |             |       |           | 82                   |          |  |               |          |                   |          |             | 51          | 1:   |
|          | 333                        |              |  |              |              |  |          |          |             |       |           | 88                   |          |  |               |          |                   |          |             | 52          | 1:   |
|          | 34                         |              |  |              |              |  |          |          |             |       |           | 8/4                  |          |  |               |          |                   |          |             | 53          | 1;   |
|          | 34<br>35                   |              |  |              |              |  |          |          |             |       |           | 85                   |          | Ш.   | $\perp \perp$ |          |                   |          |             | 54          | 1:   |
|          | 316                        |              |  |              |              | L.   |          |          |             |       |           | 84<br>85<br>86<br>87 | <u> </u> | $\sqcup$   | $\sqcup$      |          | 1_1               |          |             | 55          | 1:   |
| 1        | 37                         | 11           | <u> </u>   | _            | _            |  | Ш        | _        |             |       |           | 87                   | ┞        | <u> </u>   | $\bot\bot$    | <u> </u> | 1                 |          |             | 56          | 1  |
| 2        | 38                         | Н            | <u> </u>   | ┡            | ļ.           |  | $\sqcup$ |          |             | -     |           | 88                   | ļ        | $\vdash$   | $\vdash$      |          | +-+               | $\perp$  |             | 57          | 1:   |
| 3        | 39                         | 1            | -  | <u> </u>     | <u> </u>     | <u> </u>   |          |          | -           | -     |           | 89<br>90             | <u> </u> | Н.   | 1             |          | ++                |          |             | 58          | 1;   |
| 4        | 40                         | ₩            | -  | ⊢            | _            |  | Ш        | -+       |             | -     |           | 1 9h                 | ┼—       | ├  | ++            | -        | +                 |          |             | 59          | 14   |
| 5        | 41                         | H            | ┢  | ⊢            | ⊢            | ⊢  | $\vdash$ |          |             | -     |           | 91<br>92             | ├        |  | ++            | +        | ++                |          |             | 60<br>61    | 14   |
| 6<br>7   | 42                         | H            | ╁  | <del> </del> |              | ├—   | $\vdash$ |          |             | -     |           | 98<br>98             | ┢        | <del></del>                                      | ╁┼┼           | $\dashv$ | ╂═┼               | +        |             | 62          | 14   |
| 8        | 43                         | ₩            | <del>                                     </del> | $\vdash$     | $\vdash$     | -  | -        | $\dashv$ |             | 1     | <u> </u>  | 94                   | +        | ├  | +             |          | ++                | -        |             | 63          | 14   |
| 9        | 45                         | ++           | +  | H            | $\vdash$     | $\vdash$   | $\vdash$ |          |             | 1     | <b></b> - | 95                   | +        | +  | + +           | +-       | +-+               | +-       |             | 64          | 1/   |
| 10       | 46                         | H            | 1  | -            | $\vdash$     | <del> </del>                                     | ╁┤       | $\dashv$ | -           | +     |           | 96                   | $\vdash$ | <del>                                     </del> | +             | $\dashv$ | ╁┼                | $\vdash$ |             | <del></del> | 4  |
| 11       | 47                         | Н            | 1  | $\vdash$     | $\vdash$     | <del>                                     </del> | $\vdash$ | $\dashv$ | +           | 1     | $\vdash$  | 97                   | $\vdash$ | <del>                                     </del> | ++            | +-       | 1+                | _        |             |             | 4  |
| 12       | 48                         | H            | H  |              | $\vdash$     | -  |          | $\dashv$ | -           |       | <b></b>   | 98                   | 1        |  | ++            |          | <del>     </del>  | $\top$   |             | 65          | 14   |
| 13       | 49                         |              |  | $\vdash$     |              |  | $\vdash$ | $\dashv$ | $\dashv$    | 1     |           | 99                   | Ι_       |  | +             |          | $\dagger \dagger$ | $\top$   |             |             | 4  |
| 14       | 50                         | 호            |  | Т            |              | Т  | П        | _†       |             |       |           | 100                  | 1        |  | 1 🕇           | _        | TT                |          |             | 66          | 1:   |
|          |                            |              | •  |              |              | •  |          |          |             |       |           |                      |          |  | • •           |          |                   |          | \$100 P. C. |             | _  |

| Claim |          |  | لم       |          |  |                   | Date     | •  |          |              |          |
|-------|----------|--|----------|----------|--|-------------------|----------|--|----------|--------------|----------|
| İ     |          |  | 2840/h   |          |  |                   |          |  |          |              |          |
| l     | ~        | Ja   | حوا      |          |  |                   |          |  |          |              |          |
| l     | Final    | į  | 0        |          |  |                   |          |  |          |              |          |
| I     | ш.       | Original   | Æ        | ŀ        |  |                   |          |  |          |              |          |
| 1     |          |  | _        | _        |  |                   | _        | _  |          |              | Ш        |
|       |          | 101  |          |          |  |                   |          |  |          |              |          |
|       |          | 102  |          |          |  |                   |          |  |          |              |          |
|       |          | 103  |          |          | Г  |                   |          |  |          |              |          |
| ľ     | -        | 104  |          |          |  | Г                 |          |  |          |              |          |
| ŀ     |          | 105  | H        |          |  | _                 | _        | _  |          |              |          |
| ŀ     |          | 106  | _        | -        | _  | $\vdash$          |          |  |          |              | _        |
| ŀ     |          | 100  | $\vdash$ | $\vdash$ | <del> </del>                                     | ┝                 |          |  | -        |              | $\vdash$ |
| ŀ     |          | 100  | ⊢        | ├-       |  |                   |          |  | _        |              |          |
| ŀ     |          | 100  | _        | _        |  | <del> </del> -    |          |  |          |              | $\vdash$ |
| ŀ     |          | 108  |          |          | _  | ļ                 | _        |  |          |              | $\vdash$ |
| ŀ     |          | 110  |          | ļ        | <u> </u>   |                   |          |  |          |              |          |
| ١     |          | 1111   |          | _        | <u> </u>   | _                 |          | _  |          |              | Ш        |
| ١     |          | 112  | L_       | _        |  | $ldsymbol{f eta}$ | L        | L_   | L        |              |          |
| 1     |          | 1 <b>1</b> 3   |          |          | <u> </u>   | <u> </u>          |          |  |          |              |          |
| ſ     |          | 114  | L        |          |  | $oxed{oxed}$      |          |  |          | L            |          |
|       |          | 115  |          |          |  |                   |          |  |          |              |          |
| Ī     |          | 1 <b>1</b> 6   |          |          |  |                   |          | _  |          |              |          |
| İ     |          | 101<br>102<br>103<br>104<br>105<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117 |          |          |  |                   |          |  |          |              |          |
| l     |          | 118  |          | _        |  |                   |          |  |          |              |          |
| Ì     |          | 19   | <u> </u> | _        |  |                   |          | Н  | Г        |              |          |
| ŀ     | 39       | 120  | 2        | _        | <del>                                     </del> | $\vdash$          | -        |  |          |              | М        |
| ł     | 40       | 121  | Ŧ        |          |  | <del> </del>      |          | -  |          |              | H        |
| ŀ     | 41       | 120<br>121<br>122  | +        |          |  |                   | -        | $\vdash$   |          | <u> </u>     | -        |
| ŀ     | 42       | 122  | Н        | -        | -  |                   |          | $\vdash$   |          |              |          |
| ŀ     | 42<br>43 | 123<br>124<br>125  | H        |          | $\vdash$   |                   | -        | -  |          | <u> </u>     |          |
| ŀ     | 43       | 124  | Н        |          |  | _                 |          | H  |          | _            | Н        |
| ,     | 44       | 120  | Н        | <u> </u> |  |                   | ļ        | <u> </u>   |          |              |          |
| ŀ     | 45       | 126  | $\vdash$ |          | -  |                   |          | -  | _        | -            | ļ        |
| ŀ     | 46       | 127  | Н        |          |  |                   |          | <u> </u>   | L        | L            |          |
| ١     | 47       | 128  | Ц        |          |  |                   | <u></u>  | <u> </u>   |          |              |          |
|       | 48       | 129  | Ц        |          | <u> </u>   |                   |          |  |          |              |          |
|       | 49       | 130  | Ш        |          |  |                   |          |  |          |              |          |
| I     | 50       | 131  | П        |          |  |                   |          |  |          |              |          |
| ١     | 51       | 126<br>127<br>128<br>129<br>130<br>131<br>132  | IT       |          |  |                   |          |  |          |              |          |
| ١     | 52       | 133  | Π        |          |  |                   |          | Γ  |          |              |          |
| l     | 53       | 134  | $\sqcap$ |          |  |                   |          |  |          | ·            | П        |
| ١     | 54       | 135  | $\sqcap$ |          |  |                   |          |  | Ι .      |              | П        |
| ١     | 55       | 134<br>135<br>136  | 1        |          | <del>                                     </del> |                   | ┢        | <del>                                     </del> |          | _            | Н        |
| 1     | 56       | 137  | +        | $\vdash$ | $\vdash$   | -                 | $\vdash$ | <del> </del>                                     |          |              | $\vdash$ |
| 1     | 57       | 137<br>138<br>139<br>140   | +        | $\vdash$ |  |                   | $\vdash$ | $\vdash$   |          | $\vdash$     | H        |
|       | 58       | 120  | $\vdash$ |          |  |                   | -        | <del> </del>                                     |          | $\vdash$     | Н        |
|       | 59       | 140  | H        | $\vdash$ |  |                   |          | -  | -        |              | H        |
|       |          | 140  | H        | $\vdash$ | ⊢  |                   | $\vdash$ | ⊢  | ⊢        | ⊢            | Н        |
| ١     | 60       | 141  | $\vdash$ | ⊢        | ├  |                   | -        | $\vdash$   | $\vdash$ | <del> </del> | $\vdash$ |
|       | 61       | 142  | $\perp$  | -        | <u> </u>   | ļ                 | <u> </u> | -  | <u> </u> | <u> </u>     | Ш        |
| 1     | 62       | 143  | $\perp$  | <u> </u> | _  |                   | <u> </u> | <u> </u>   |          | <u> </u>     | Щ        |
|       | 63       | 144  | Ш        |          |  | L                 | _        | _  | <u> </u> | <u> </u>     | Ш        |
| ١     | 64       | 145  | 芝        |          | _  |                   |          | _  |          | L_           |          |
|       |          | 146  | L        | <u> </u> | L  | L                 | L        |  |          |              |          |
|       |          | 447  | L        | L        | Ĺ  | L                 | L        |  |          | L            |          |
| I     | 65       | 148  | =        |          |  |                   |          |  |          |              |          |
| İ     |          | 149  |          |          |  |                   |          |  |          |              |          |
| l     | 66       | 150  | =        |          |  |                   |          |  |          |              |          |
| : 1   |          |  | -        |          | _  |                   |          | _  |          |              | ـــــا   |

| Index of Claims (continued) | Index | of | Claims | (continued) |
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Application No.

dd BROWN ET AL.

Examiner Art Unit

Frank I Choi 1616

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| _        | (Through numeral)<br>Cancelled |
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| <u>.</u> | Doctricted                     |

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| Α | Appeal   |
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| Claim   S   |   |
|---|---|
| 67 151  |   |
| 80   202  | ++  |
| 89   153   154   155  | 1 1   |
| 464   | ++  |
| 366   | +   |
| To   156   2  | +   |
| 4552  | ╂┷┼   |
| 71 158  | ++  |
| 72 159  | ++  |
| 73 160  | $\bot \bot$                                       |
| 73 160  | $\bot\bot$  |
| 74 161  | oxdot   |
| 75   162  | Ш   |
| 463   91 213   263   264   77 165   | $\Box T^{T}$                                      |
| 76         164         2         244         264         265           77         165         93         215         265         265         265           95         167         2         101         217         268         267         267         268         267         268         94         216         267         267         268         94         216         269         269         270         268         94         216         269         270         268         94         216         269         270         268         94         216         269         270         271         268         94         216         229         270         270         271         171         268         270         271         171         268         270         271         271         271         271         271         271         271         271         271         271         271         271         271         271         271         273         273         273         273         273         274         274         274         274         274         274         274         275         275         275         275         277<  |   |
| 77 165 =  | $\Box$  |
| A66     94   216     267  | $\sqcap$  |
| 95 167  | +   |
| 100   110   100 | +   |
| 96 169  | ++  |
| 170   | ++  |
| 171   | ++  |
| 172   | ┼-┼-  |
| 173   | <del></del>                                       |
| 174   |   |
| 175   | $\perp \perp$                                     |
| 176   | $\perp \perp$                                     |
| 177       118       227       278         119       113       229       279         180       114       230       280         181       115       231       281         182       116       232       283         183       117       233       283         184       118       234       284         185       236       286       286         186       237       287       288         189       239       289       289         190       240       290       291         191       241       291       292         97       193       294       294       294         195       246       296       295         196       247       297       298         197       247       297       298  | $\perp \perp$                                     |
| 177   |   |
| 119   |   |
| 119   |   |
| 180       114       230       280         181       115       231       281         182       116       232       282         183       117       233       283         184       118       234       284         185       235       285       286         187       237       287       287         188       238       288       288         189       239       289       289         190       240       290       290         191       241       291       291         192       242       292       293         98       194       244       294       293         196       245       295       296         197       247       297       298  |   |
| 181   | +   |
| 182   | 1   |
| 188   | ++  |
| 184   | ++  |
| 18\$       235       285         186       236       286         187       237       287         188       238       288         169       239       289         190       240       290         191       241       291         192       242       292         97       193 = 243       293         98       194 = 244       294         195       245       295         196       246       296         197       247       297         99       198 = 248       298   | ++  |
| 186   | +   |
| 187       237       287         188       238       288         189       239       289         190       240       290         191       241       291         192       242       292         97       193       243       293         98       194       294       294         195       245       295         196       296       297         197       248       298   | +-+-  |
| 188       238       288         169       239       289         190       240       290         191       241       291         192       242       292         97       193 = 243       293         98       194 = 244       294         195       245       295         196       246       296         197       247       297         99       198 = 248       298  | ++  |
| 169     239     289       190     240     290       191     241     291       192     242     292       97     193 = 243     293       98     194 = 244     294       195     245     295       196     246     296       197     247     297       99     198 = 248     298  | +-+-  |
| 190     240       191     241       192     242       97 193 = 243     293       98 194 = 244     294       195     245       196     246       197     247       99 198 = 248     298  | +   |
| 191     241       192     242       97 193 = 243     293       98 194 = 245     294       195     245       196     296       197     247       99 198 = 248     298  | <del>                                     </del>  |
| 192     242       97 193 =     243       98 194 =     294       195     245       196     246       197     247       99 198 =     248  | + +   |
| 97     193     243       98     194     294       195     245     295       196     296     297       197     247     297       99     198     298  | $+\!\!\!\!+\!\!\!\!\!+$                           |
| 98 194  | $\bot \bot$                                       |
| 195   | $\perp \perp$                                     |
| 196   | $\perp \perp$                                     |
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| 99 198 <del>- 248 298 298 298 298 298 298 298 298 298 29</del>  |   |
| 99 198 🕳   248   298  | $\Box$  |
|   | $\top$  |
| 100 199 5 249 299 299   | +   |
| 78   200   <b>2</b>   | <del>                                      </del> |